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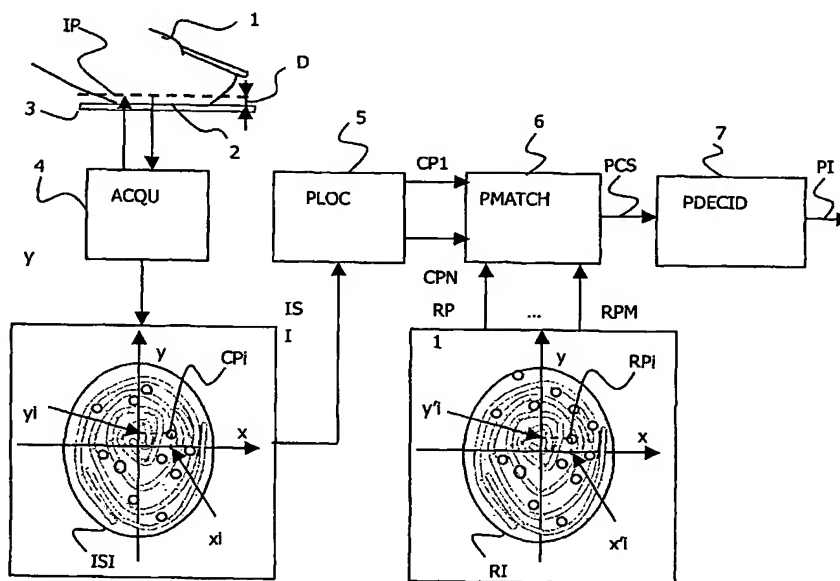
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(54) Title: BIOMETRICAL IDENTIFICATION DEVICE



(57) Abstract: The invention relates to a biometrical identification device for identifying an individual finger (1). An intra-skin image (ISI) is acquired. Said image (ISI), which is located inside the finger at a distance (D) from an inside surface (2) of the finger, comprises sweat pores (P1, P2, P3). Said sweat pores are located as isolated spots in the intra-skin image (ISI). The pore locations (CPI-CPN) are further matched with reference pore locations (RP1-RPM) of a reference intra-skin image (RI) to produce a pore matching score (PMS). The pore matching score (PMS) is compared with a predetermined pore threshold for deciding whether the pore-based identification of the finger (1) is valid or not.

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